

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
29 April 2004 (29.04.2004)

PCT

(10) International Publication Number  
**WO 2004/036492 A2**

(51) International Patent Classification<sup>7</sup>: **G06K 19/00**

(21) International Application Number:  
PCT/IL2003/000843

(22) International Filing Date: 16 October 2003 (16.10.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/418,338 16 October 2002 (16.10.2002) US

(71) Applicant (for all designated States except US): SCI-TEL LTD. [IL/IL]; 99 Hahistadrut Avenue, P.O.B. 25321, 31250 Haifa (IL).

(81) Designated States (*national*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicants and  
(72) Inventors: BEAR, Alon [IL/IL]; 9 Mivtza Yonatan, 34670 Haifa (IL). ZERNIK, Dror [IL/IL]; 57A Disraeli Street, 34333 Haifa (IL).

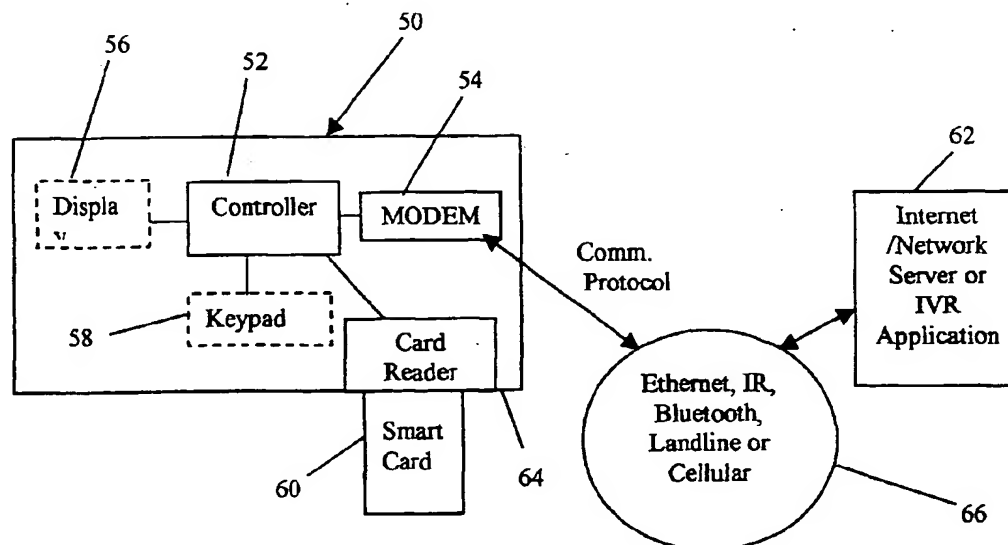
(74) Agent: SWIRSKY, Daniel; AlphaPatent Associates Ltd., 55 Reuven St., P.O.B. 2345, 99544 Beit Shemesh (IL).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SMART CARD NETWORK INTERFACE DEVICE



(57) **Abstract:** A securely identifiable network device is provided. The device may be directly hooked to a network or Internet via a phone or other communication interfaces. The device includes a smart card reader and a communications interface, such as a MODEM, RS-232, infra-red interface, RF, tone, or an Ethernet interface, and a minimal device controller. The combination of these components allows for generating a fully authenticated access to a networked data server (e.g. mail, SMS, phone switch), for personalizing the access point behavior, and for notifying the data provider about the current location of the cardholder. This allows for re-routing the required data messages to the current location. The service data messages are typically SMS, MMS, e-mail and phone calls.

WO 2004/036492 A2